.KARANDINA, Susanna Nikolayevna; RODE, A.A., doktor sel'khoz. nauk, otv. red.; NADEZHDINA, M.V., red. izd-va; VOLKOVA, V.V., tekhn. red.

[Characteristics of the growth of the English oak (Quercus robur L.) in the Caspian Depression] Osobennosti rosta duba chereshchatogo (Quercus robur L.) v Brikaspiiskoi nizmennosti. Moskva, Izd-vo AN SSSR, 1963. 89 p. (MIRA 16:6) (Caspian Depression--Oak)

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ZHUROVSKI, D., KARANESHEV, K.

Swelling pressure of coals in coking. Min delo 18 no. 12: 33-35 D '63.

1. Nauchnoizsledovatelski institut za koksokhimiia i neftoprerabotvane.

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Is that the right as to provide rest to collective farm members?
Rab. i sial. 34 no.1:19 Ja '58. (MIRA 11:1)

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(Slutsk District -- Social group work)

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Device for removing mulherry silkworm coccoms. Makh.sil'hosp.
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(Sericulture)

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1. Predsedatel' Izmail'skogo rayispolkoma, Odesskaya oblast'.
(Odessa Province--Fire attinction--Societies)

ARSIC, Bogoljub, sanitetski pukovnik, dr.; DORDEVIC, Dusan, sanitetski major, dr.; KARANFILOV, Sotir, sanitetski pukovnik, dr.; MILADINOVIC, Toma, sanitetski kapetan, dr.; SCKOLOVSKI, Bora, sanitetski kapetan I klase, dr.; ZISOVSKI, Angel, sanitetski potpukovnik, dr.; PAVLOVIC, Miodrag, tehnicki saradnik, sanitetski kapetan I klase.

CENTRAL IN STRUCTURE OF THE CONTROL OF THE CONTROL

Treatment and prevention of acute bacillary dysentery with a single dose of oxytetracycline. Vojnosanit. pregl. 21 no.4: 223-228 Ap '64.

1. Vojnomedicinska akademija u Beogradu; Epidemioloski institut HZ; Higijensko-epidemioloski odred u Skoplju; Armijska bolnica u Skoplju, Zarazno odeljenje.

KARANFILOV, T. S.

Cand Tech Sci

Dissertation: "Investigation of the Process of Injection During Silicatization of Loess Grounds in Structure Foundations."

15 Feb 49

All-Union Sci Res Inst of Water Supply, Saver Agr, Hydraulic Engineering Structures and Engineering Hydrogeology ("VODGEO")

SO Vecheryaya Moskva Sum 71

mination of the Radius of Ground Stren in the Case of a Constant Coefficient tion," T. S. Karanfilov, Cand Tech Scitekh Stroi" No 1, pp 39-42  s formulas for detg radius of strength d grounds by silicatization and other when filtration coeff in the process g soln into ground remains const, and in ground is laminar. Obtains formul possible methods of forcing soln into through emethods of forcing soln into fine perforated partially, or perforate through open end of pipe, through inpipe perforated partially, or perforate equal to thickness of layer to be hened.	KARANFILOV, T.	. S.			ground: jecting for leng strength	SSIR/I	Deduces of sand ods, w forcing mation for 3 p	"Determination of ening in the Case Filtration," T. S
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KARANFILOV, T.S.

Oblegchennye kamennye steny (Light-weight masonry walls). Moskva, Gos. izd. lit. po stroitel'stvu i arkhitekture, 1954. 280 p.

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PEREL'SHTEYN, N.L., kandidat tekhnicheskikh nauk; EARANFILOV, T.S., kandidat tekhnicheskikh nauk;

Restressed reinforced concrete sectional girders. Nov.tekh.i

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(Girders) (Frestressed concrete construction)

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ENGINEERING CONTROL OF THE CONTROL O

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Studying the unsteady seepage between reservoirs using slotlike trays. Hauch.dokl.vys.shkoly; stroi. no.2:267-272 159. (MIRA 13:4)

1. Rekomenodvana kafedroy gidrotekhnicheskikh sooruzheniy Moskovskogo inzhenerno-stroitel nogo instituta im. V.V. Kuybysheva.

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Frecise seepage calculations using slotted plates. Gidr. stroi. 30 no.2:45-47 P '60. (MIRA 13:4) (Soil percolation)

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Multistoried houses built of prefebricated room units. Bet.i no.4:181-184 Ap '60. (MIRA 13:8)

(Precast concrete construction)

(Apartment houses)

Study of horizontal unsteady percolation by a hydraulic analogy
method. Gidr. stroi. 32 no.2:38-41 F '62. (MIRA 15:7)
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### BERIC, B.; KARANFILSKI, B.

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The influence of estradiol on the alimentary hyperglycemia curve. Srpski arh.celok.lek. 83 no.2:203-208 Feb '55.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Skoplju. Upravnik: prof. dr Milenko Beric.

(ESTROGENS, eff.
estradiol on alimentary hypergylcemia (Ser))
(HYPERGLYCK'IIA, exper.
eff. of extradiol on alimentary hyperglycemia (Ser))

KARANFIISKI, B., dr; TADZER, I.S., prof. dr.

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Radiochromium labeled erythrocyte tests in gastrointestinal hemorrhages. Srpski arh. celok. lek. 88 no.10:969-972 0 '60.

1. Patofizioloski institut Medicinskog fakulteta Univerziteta u Skopju. Direktor: prof. dr Isak Tacer. Interna klinika Medicinskog fakulteta Univerziteta u Skopju. Direktor: prof. dr Dimitar Arsov.

(HEMORRHAGE GASTROINTESTINAL diag) (ERYTHROCYTES) (CHROMIUM radioactive)

# KARANFILSKI, B.

The role of the spleen in the destruction of labelled erythrocytes. Bul se Youg 8 no.3/4:92 Je-Ag 63.

1. Institut za patologiju, Medicinski fakultet, Skopje.

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Dr Borislav KARANFILSKI and Prof Dr Penco DAVCEV, Department of Pathological Physiology and Internal Medicine Clinic of Medical FAculty (Institut za patofiziologiju i Interna klinika Medicinskog fakulteta), Skopje.

"Our Experiences in Absorption Studies with Labeled Fats."

Belgrade, Medicinski Glasnik, Vol 17, No 3-4, Mar-Apr 63; pp 139-140.

Abstract: Use of I-131 to determine intestinal absorption of fats in 18 patients and 16 controls; technical details. Method is considered a valuable diagnostic aid. Table, 9 Western references.

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Hemostasis following internal colloidal gold impediation in the dog. Acta med. Tagoal. 18 no.1:46-57 164

I. Institut wa patolosku fiziologiju Medicinskog fakulteta u Skoplju.

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		The author finds power series solutions of the equation
		$d^3y/dx^3 = x^2y$ and discusses their singularities at $x = 0$ . P. Franklin (Cambridge Mass)
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KARANIKOLOV, Khr.

USSR Mathematics - Quadrature

Card 1/1

Author

: Karanikolov, Khr.

Title

: A formula of mechanical quadrature

Periodical: Usp. mat. nauk, 9, No 2(60), 157-161, 1954

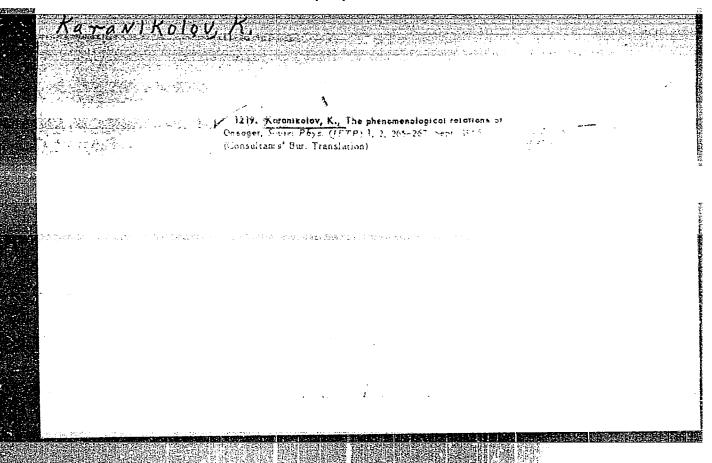
Abstract

: Constructs a method of mechanical quadrature with equidistant abscissae for which the distance between the neighboring points of the abscissa d (not equal to (b-a)/n) would be chosen in such a way that this method becomes absolutely exact for polynomials in x of powers as large as

possible.

Submitted

: January 26, 1953



FD-1842

USSR/Physics - Thermodynamics
KAYANIKOLOV, Khristo
Card 1/1 Pub. 146-2/25

Author

Karanikolov, Khristo (Sofia, Bulgaria)

Title

Phenomenological relations of Onsager

Periodical: Zhur. eksp. i teor. fiz. 28, 283-286, March 1955

Abstract

: The author discusses Kiril Popov's article (same issue, 257-282, and gives

new demonstrations of Popov's results (see preceding abstract).

Institution:

Submitted: January 8, 1954

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Problems. Mat. v shkole no.4:86 Jl-Ag '63. (MTMA 16:9)

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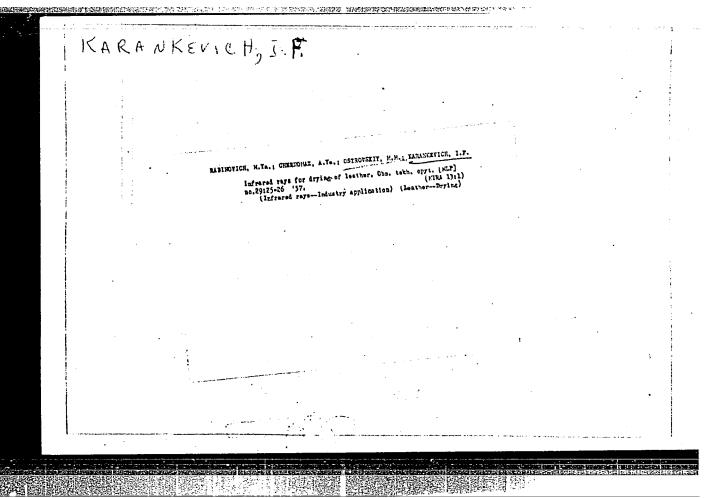
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Physiological activity of some thiourea derivatives and their chemical structure. Dokl. AN SSSR 156 no. 4:957-960 Je '64. (MIRA 17:6)

l. Institut biologii im. M.Popova Bolgarskoy Akademii nauk. Predstavleno akademikom  $\Lambda_{\bullet}L_{\bullet}$ Kursanovym.

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SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Unel

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ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.; BIRYUKOV, S.M.; BICKHIN, S.I.; BOROVOY, G.A.; BULEV, M.Z.; BURAKOV, N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHINIH, A.P.; GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DENBLAT, Ya.D., kand. tekhn. nank; GINZBURG, M.M.; GINBOV, P.S.; GODES, E.G.; GORBACHEV, V.N.; GRZHIB, B.V.; GREKULOV, L.F., kand. s.-kh. nauk; GRODZENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO, Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; DUNDUKOV, H.D.; ZHOLIK, A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.; KARANOV, I.F.; KNYAZEV, S.N.; KOLEGAYEV, N.M.; KOMAREVSKIY, V.T.; KOSKNKO, V.P.; KORKNISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.; KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LGALOV, V.G.; LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO, K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk; MUSIYAVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OVES, I.S.; OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PERYSHKIN, G.A., prof.; P'YANKOVA, Ye.V.; RAPOPORT, Ya.D.; REMEZOV, N.P.; ROZANOV, M.P., kand. biol. nauk; ROCHEGOV, A.G.; RUBINCHIK, A.M.; RYBCHEVSKIY, V.S.; SADCHIKOV, A.V.; SEMENTSOV, V.A.; SIDENKO, P.M.; SINYAVSKAYA, V.T.; SITAROVA, M.N.; SOSNOVIKOV, K.S.; STAVITSKIY, Ye.A.; STOLYAROV, B.P. [deceased]; SUDZILOVSKIY, A.O.; SYRTSOVA. Ye.D., kand. tekhn. nauk; FILIPPSKIY, V.P.; KHALTURIN, A.D.; TSISHEVSKIY, P.M.; CHERKASOV, M.I.; CHERNYSHEV, A.A.; CHUSOVITIN,

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720610009-6"

N.A.; SHESTOPAL, A.O.; SHEKHTER, P.A.; SHISHKO, G.A.; SHCHERBINA, I.N.; ENGEL', F.F.; YAKOBSON, A.G.; YAKUBOV, P.A., ARKHANGEL'SEIY,

(Continued on next card)

ANDON'YEV. V.L... (continued) Card 2. Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BAIASHOV. Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUNER, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; VALUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDAYEV, I.N., retsenzent, red.; YERMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.F., retsenzent. red .; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.V., retsenzent, red.; LUSKIN, Z.D., retsenzent, red.; MATRIROSOV, A.Kh., retsenzent, red.; MENDELEYEV, D.M., retsenzent, red.; MENKEL!, M.F., doktor tekhn. nauk, retsenzent, red.; OBREZKOV, S.S., retsenzent, red.; PETRASHEN, P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent. red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASENKOV, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V. prof., doktor tekhn. nauk, retsenzent, red.; TIZDEL', R.R., retsenzent, red.; FEDOROV, Ye.M., retsenzent, red.; SHEVYAKOV, M.N., retsenzent, red.; SHMAKOV, M.I., retsenzent, red.; ZHUK, S. Ya. [deceased], akademik, glavnyy red.; RUSSO, G.A., kand. tekhn. muk, red.; FILIMONOV, N.A., red.; VOLKOV, L.N., red.; GRISHIN, M.M., red.; ZHURIN, V.D., prof., doktor tekhn, nauk, red.; KOSTROV, I.N., red.; LIKHACHEV, V.P., red.; MEDVEDEV, V.M., kand. tekhn. nauk, red.; MIKHAYLOV, A.V., kand. tekhn. nank, red.; PETROV, G.D., red.; RAZIN, N.V., red.; SOBOLEV, V.P., red.; FERINGER, B.P., red.; FREYGOFER, (Continued on next card)

ANDON'YEV, V.L... (continued) Card 3.
Ye.F., red.; TSYPIAKOV, V.D. [deceased], red.; KORABLINOV, P.N.,
tekhn. red.; GENKIN, Ye.M., tekhn. red.; KACHEROVSKIY, N.V., tekhn.
red.

[Volga-Don; technical account of the construction of the V.I. Ienin Volga-Don Navigation Canal, the TSimlyansk Hydroelectric Center, and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskego sudokhodnogo kanala imeni V.I. Ienina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii, 1949-1952; v piati tomakh. Moskva, Gos. energ. izd-vo. Vol.1. [General structural descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.IA. Zhuk. Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of construction. Specialized operations in hydraulic engineering] Organizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.

ANDON'YEV, V.L... (continued) Card 4.
Glav. red. S. IA. Zhuk. Red. toma I.N. Kostrov. 1958, 319 p.
(MIRA 11:9)

1. Bussia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-korrespondent Akademii nauk SSSR (for Akhutin). 3. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin, Rasin).

(Volga Don Canal-Hydraulic engineering)

# KARANOV, N. A.

Cand Chem Sci - (diss) "Synthesis of complex esters of alkyl-glycol and alkylglycosal acids." Sverdlovsk, 1961. 11 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Ural Polytechnic Inst imeni S. M. Kirov);150 copies; price not given; (KL, 5-61 sup, 176)

等,我就是我们就是我们的一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是这个人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是一

5(1) AUTHORS:

**经验证的** 

Karolev, A. N., Karanov, R. A.

SOY/32-25-4-11/71

TITLE:

Determinations of Calcium Oxide and Silicon Dioxide in the Slag of Lead Melt (Opredeleniya okisi kal'tsiya i dvuokisi kremniya

v shlake svintsovoy plavki)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 4, pp 413-415 (USSR)

ABSTRACT:

Examinations of the calcium-oxalate precipitation in the presence of iron and other elements in a solution which was obtained after breaking-up with a nitric-acid hydrofluoric-acid mixture were carried out. The oxalate precipitation took place methyl red being used as an indicator. The simultaneous precipitation of lead was prevented by the addition of komplexon III. As the obtained test results show (Table 1), 0.1 - 0.2 g of complexon III are sufficient for the binding of lead. A course of analysis as well as results of calcium determinations in industrial samples (Table 2) are indicated. For determining SiO, in slags of the lead melt the slightly modified photocolorimetric method (Ref 3) was used. Better results are obtained with the use of silver

crucibles (instead of iron or nickel crucibles) for melting the

Card 1/2

SOV/32-25-4-11/71 Determination of Calcium Oxide and Silicon Dioxide in the Slag of Lead Melt

sample with Na<sub>2</sub>O<sub>2</sub> as no impurities are caused by the crucible material. The thick-walled crucibles (3.5 - 4.5 nm) were made of "Dore" metal in the factory, and outlast 75 - 85 meltings. For the reduction of the silicon-molybdic acid, the weaker reduction agent - Mohr's salt - was used instead of SnCl<sub>2</sub> (1.0 g/100 ml of solution), and was added to the solution after the leaching of the melt besides hydrochloric acid, nitric acid to avoid an increase in the results. The indicated course of analysis shows that the colorimetric measurement was made on an FEK-M photocolorimeter. Some analytic results are given (Table 3). There are 3 tables and 3 Soviet references.

ASSOCIATION:

Svintsovo-tsinkovyv zavod, g Kyrdzhali, Bolgariya (Lead-zinc Works, Town of Kyrdzhali, Bulgaria)

Card 2/2

# KAROLEV, A.; KARANOV, R.

Oxidometrical determination of iron after the reduction of ferroionites to ferroions with a lead reducer. Khim i industriia 34 no.1:16-18 '62.

5 (2) AUTHORS:

Karanov, R. A., Karolev, A. N. (SAT)

S/032/60/026/01/013/052 B010/B123

TITLE:

Photocolorimetric Determination of Bismuth in Refined Lead

PERIODICAL:

Zavodskaya laboratoriya, 1960, Vol 26, Nr 1, pp 48 - 50 (USSR)

ABSTRACT:

The bismuth determination in refined lead usually follows the photocolorimetric method suggested by Yu. Yu. Luriye and L. B. Ginzburg (Ref 1) which is based upon a reaction with thiourea. The influence of temperature, of the acidity of the solution and concentration of thiourea, of tartaric acid and ions of lead, silver and antimony on the formation of complex compounds {Bi [CS(NH2)] 3} 3+, was investigated. If the lead concentration exceeds 1%, a precipitation occurs and reduced measuring values are obtained since bismuth is absorbed by this precipitate (Table 1). The optimum acidity is obtained at 0.5-1 vol% of nitric acid. An increase of temperature (Fig - diagram), an increase of tartaric acid concentration and a silver content exceeding 30 mg decreases the optical density of the solution with the coloured complex compound. Up to 5 mg antimony does not disturb the determination, with

Card 1/2

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Photocolorimetric Determination of Bismuth in Refined Lead

S/032/60/026/01/013/052 B010/B123

a higher content the disturbing influence is eliminated by adding 1-2 g of tartaric acid (Table 2). The optimum amount of nitric acid that should be used for dissolving the sample (Table 3) as well as a course of analysis corresponding to obtained test results are stated. The determination accuracy amounts to 0.0002 to 0.002% Bi. There are 1 figure, 5 tables, and 1 Soviet reference.

ASSOCIATION:

Svintsovo-tsinkovyy zavod, g. Kyrdzhali, Bolgariya (Lead-Zinc Plant, City of Kyrdzhali, Bulgaria)

Card 2/2

KAROLEV, A.N.; KARANOV, R.A.

Complexometric determination of calcium in a lead-calcium alloy. Zav. lab. 30 no.6:674 \*64 (MIRA 17:8)

1. Plovdivskiy kombinat tsvetnykh metallov, Bolgariya.

KARANOV, S. K.

KARANOV, S. K. -- "Glaucoma." Sub 25 Nov 52, Central Inst for the Advanced Training of Physicians. (Dissertation for the Degree of Doctorate in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

# KARANOV, S.K., professor.

Early ophtalmological picture of the fundus oculi in gunshot wounds of the skull. Trudy AF Tadzh. SSR 40:71-74 '55. (MIRA 9:10)

1. Deystvitel'nyy chlen Akademii nauk Turkmenskey SSR. 2. Zaveduyu-shchiy kafedroy glaznykh bolezney "urkmenskego gosudarstvennogo meditsinskogo instituta imeni I.V. Stalina.

(SKULL-WOUNDS AND INJURIES) (EYE-DISEASES AND DEFECTS)

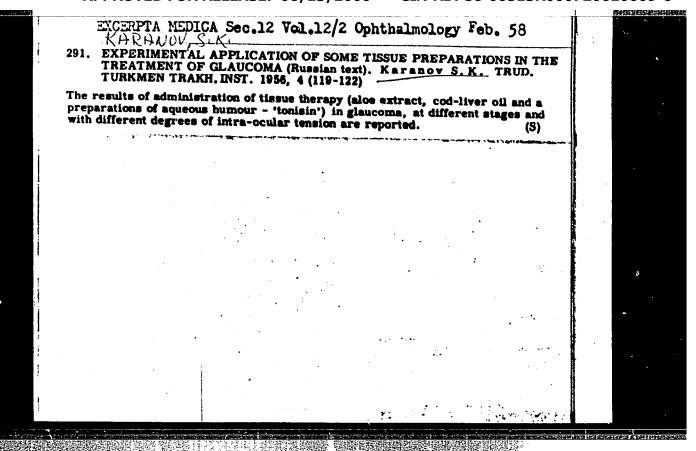
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St	WITH GLAUCOMA IN TURKMEN SSR (Ru TRUD, TURKMEN TRAKH, INST. 1956, 4 atistical data concerning the extent of glaucoma	(51-54) a in the Turkmen region, of t	re-
su *h	altant blindness and of its clinical forms are re tasks to be set are to complement the staff of ents with ophthalmologists, and the necessary	eported. The author considers of medical and welfare establi	s that ish-
tic	ent attendances and to spread the knowledge of	the work being done.	(S)
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autuma p	ease in the morbidity of acute epidemic conjunctivitis during the summer- eriod is ascribable to decreased resistance of the organism, activation of						mmer-
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the pathogen, and increased sensitivity of the conjuctivae as a result of irradiation by dust, wind and sunshine. The highest number of victims appears 3-6 weeks after the period of highest temperatures and least humidity of air. Flies play an important role in the spread of the disease. During June-September patients with acute epidemic conjunctivitis constitute 27-60% of all ophthalmic cases. Children up to 6 years are especially frequently affected. Corneal complications are often observed, in children sometimes leading to blindness. Acute epidemic conjunctivitis renders the conjunctiva more susceptible to trachomatous infection, or if it is superimposed on trachoma, it imparts to the latter a more malignant course. The clinical picture of the disease is described. One of the classical signs of the disease in the Turkmen SSR is the raised white triangle of conjunctiva with its base towards the cornea against a background of marked hyperaemia of the mucosa and a multit. ude of haemorrhagic spots under it. Quite often, the general state is disturbed: lassitude, headache, pyrexia. Nearly always there is rhinitis and running eyes. In particularly severe cases there is sickness, loss of appetite and sleeplessness. According to the dominant clinical manifestations the author distinguishes 3 forms of acute epidemic conjunctivitis: mild, moderately severe and severe, and according to preponderance of particular symptoms he classifies them as haemorrhagic, membranous, infiltrative, papillomatous and several other types. The author points out that preparations of mercury, silver and zinc sulphate do not guarantee a quick cure of the conjunctivitis. After a fortnight only 50% of patients have recovered, and the rest need 2-8 weeks. Much better results are obtained with the sulphonamides and penicillin therapy.

<16



KARANOV, S.K., prof.

In the ophthalmological Society. Zdrav. Turk. 4 no. 2:46 Mr-Ap '60. (MIRA 13:10) (TURKMENISTAN—OPHTHALMOLOGICAL SOCIETIES)

, KARANOV, S.K., prof.

APPENDED.

Research and therapeutic work in the rural locality. Zdrav.
Turk. 4 no. 3:3-6 My-Je 160. (MIRA 13:12)

1. Iz Turkmenskogo nauchno-issledovatel skogo trakhomatoznogo instituta (dir. - A.M. Saryyev, nauchnyy rukovoditel - prof. S.K. Karanov).

(MARY PROVINCE—EYE—DISEASES AND DEFECTS)

KARANOV, S.K., prof.

Consultative and methological aid from the Department of Eye Diseases of Chardzhou Province. Zdrav. Turk. 5 no.3:41-43 My-Je '61.

(MIRA 14:10)

1. Iz kafedry glaznykh bolezney (zav. - prof. S.K.Karanov)
Turkmenskogo gosudarstvennogo instituta imeni Stalina.
(CHARDZHOU PROVINCE—DISPENSARIES, OPHTHALMIC AND AURAL)

KARANOV, S.K., prof.

Trip of a delegation of Soviet doctors to Africa. Zdrav. Tek. 6 no.3:46-47 My-Je '62. (MIRA 15:6)

1. Zaveduyushchiy kafedroy glaznykh bolezney Turkmenskogo meditsinskogo instituta, deystvitel'nyy chlen AM Turkmenskoy SSR.

(TOGO-MEDICINE)

KARANOV, S.K.

Interrelations between glaucoma and trachoma. Trudy Turk.nauch.issl.trakh.inst. 6:79-85 '60. (MIRA 15:11)
(GLAUCOMA) (CONJUNCTIVITIS, GRANULAR)

KARANOV, S.K.; ZATULINA, N.I.; KNAK, I.P.

Study of Prowazek's bodies in the population at a focus of trachoma in a rural area of Turkmenistan. Trudy Turk.nauch.—issl.trakh.inst. 6:53-59 '60. (MIRA 15:11)

(TURKMENISTAN—CONJUNCTIVITIS, GRANUAIR)
(PROTOPLASM)

KARANOV, S.K., prof.

Nineteenth International Congress of Ophthalmologists. Zdrav. Turk. 7 no.2:45-46 F \*63. (MIRA 16:4)

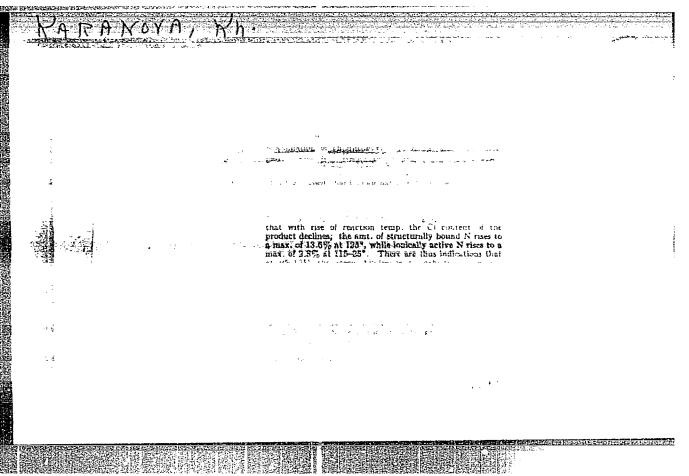
1. Deystvitel'nyy chien AN Turkmenskoy SSR. (OPHTHALMOLOGY...CONGRESSES)

DORMIDONTOVA, K.V.; KARANOV, SIK.; KATSNEL'SON, A.B.; KHAYUTIN, S.M.

The 19th International Congress of Ophthalmologists in Delhi. Vest. oft. 76 no.3:73-79 My-Je '63. (MIRA 17:2)

KARANOV, Sary Karanovich, prof.; ALMAZOVA, Ye.N., red.

[Nineteen days in Togo] 19 dnei v Togo. Ashkhabad,
Turkmenskoe izd-vo, 1963. 77 p. (MIRA 17:5)



COURTRY

: Bulgaria

8-31

CATEGORY

: Chemical Technology. Chemical Products and Their Applications -- Caputchouc, natural and synthetic.

ABS. JOUR.

: RZKhim., No. 21 1959, No.

16904

RORTUA

: Kabaivanov, V., Michaylov, M., and Karanova, Kh.

INST. TITLE : Chemical Engineering Institute (Sofia)
: On the Amination of Chlorinated Rubber

ORIG. PUB.

CARD: 1/3

: Godishnik Khim.-Tekhnol Inst, 1956 (1957), No 1,

55-65

ABSTRACT

: The authors have investigated the effect of temperature on the heterogenous amination of chlorinated rubber with an aquecus solution of NH, under pressure at temperatures of 95-145°. Aminochlorinated rubber of maximum M content and

Aminochlorinated rubber of maximum M content and maximum ion exphange capacity is obtained at 125°. Using the quantity C, the degree of substitution of a given group or atom in the chain, the following concepts were derived: D, the availability of the amino groups for ion exchange;  $\phi_n$ , a

\* Rubber.

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# APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720610009-6"

ABS. JOUR. : AZKhim., No. 21 1959, No.

76904

AUTHOR INDE.

TITLE

ORIG. PUB. :

ABSTRACT

equantity expressing the acreening effect of substituents on the availability of the amino groups for ion exchange; P, the screening effect; and P<sub>S</sub> the specific screening effect for amino groups. The relation D = a/P<sub>S</sub> is derived [a presumably is a constant] which permits the determination of the course of the (P,t) curve and to draw conclusions concerning the mechanism of the reaction. The ion exchange capacity of the amino-chlorinated rubber increases with a decrease of C<sub>5</sub> (C1) in the

CARD: 2/3

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SAVKOVIC, N.V.; RADIVOJEVIC, D.V.; HAJDUKOVIC, S.I.; RADOTIC, M.M.; POPOVIC, S.H.; KARANOVIC, J.; Technical assistance MALCIC, K.; BRADIC, M.

是创作的对象。

Histological analysis of testes in infant rats irradiated locally or all over the body with X rays. Bul Inst Nucl 12:145-147 0 161.

1. The Institute of Nuclear Sciences "Boris Kidrich," Department of Radiobiology, Vinca.

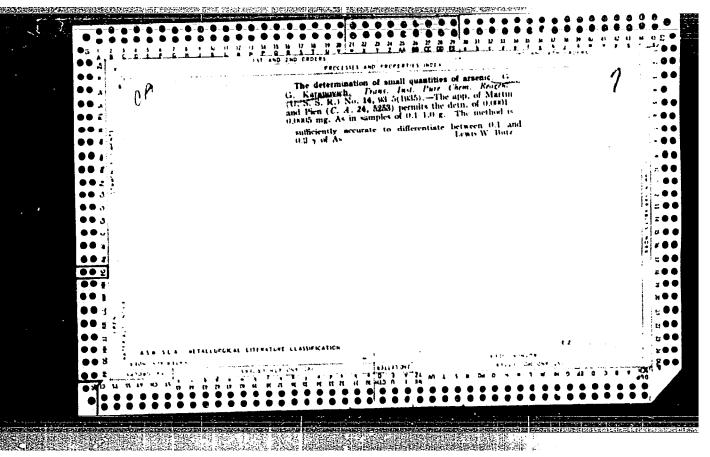
# KARANOVIC, J.; PRELEVIC, N.

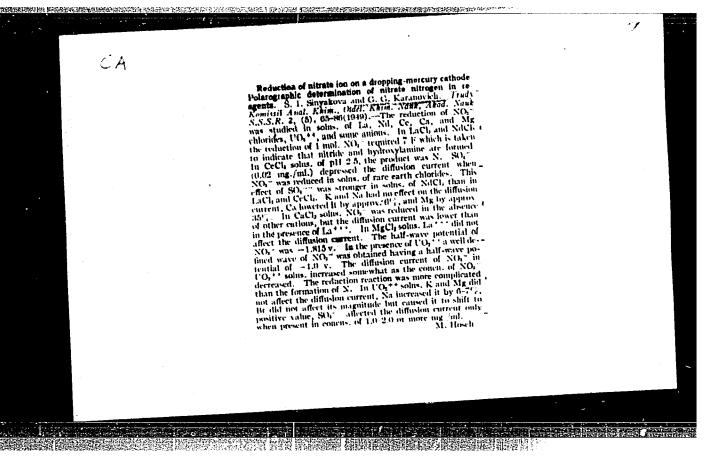
Influence of erythropoietin on the proliferative activity of the megaloblasts in chicken ambryos. Bul sc Youg 7 no.1/2:12 F-Ap '62.

1. Institut \*B. Kidric, " Vinca, Beograd.

MARSICANIN, Bozidar; KARANOVIC, Pantelija

Gas-pressure stabilizer for the ion source. Nova prozv 13 no.1:74-76 '62.





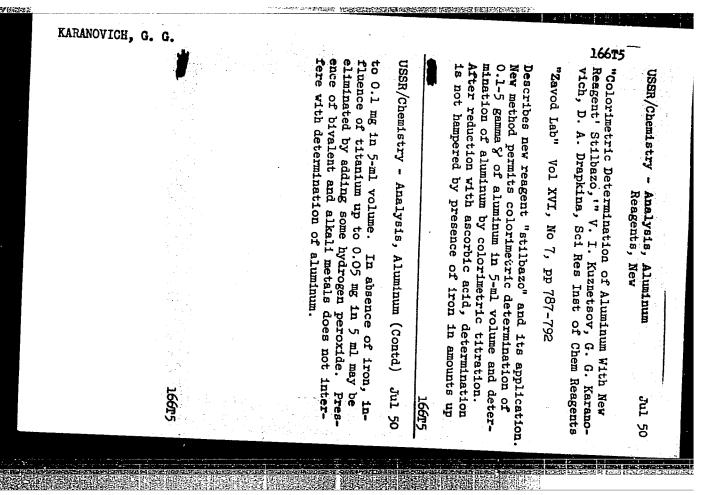
KARANOVICH, G. G.

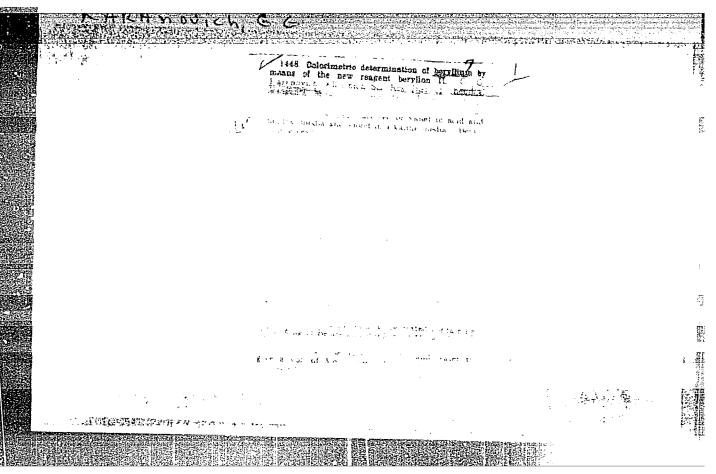
Karanovich, G. G. - "Fundamental principles of organizing departments for the mentally disordered in psychiatric hospitals," Trudy Tsentr. in-ta psikhiatrii, Vol. IV, 1949, p. 437-49

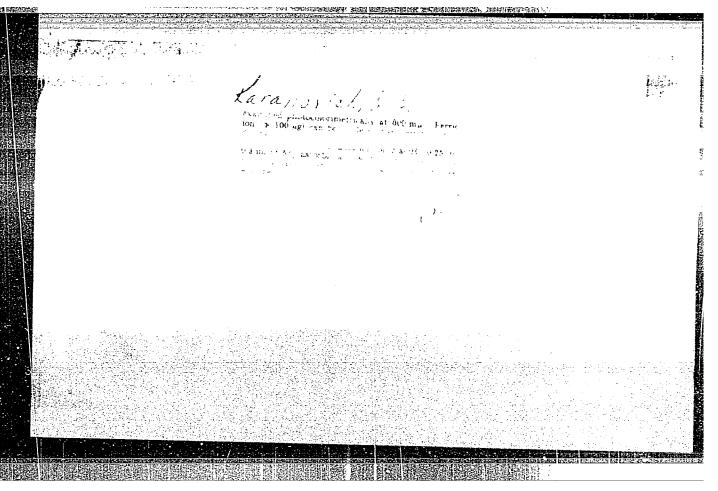
SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

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104. Naphhagail - a reagent for the colorimetric deformination of new pilliams G. G. Kannovic, Trudy Vess. Nond. 1861. Natur. Relations, 1859.

[21], 34.-47; Ref. Zhu., Thini., 1959. Abitt. No. 64, 747.—Naphthagariam [15]-64, 1940 cover the pill range 64 to 8-50.

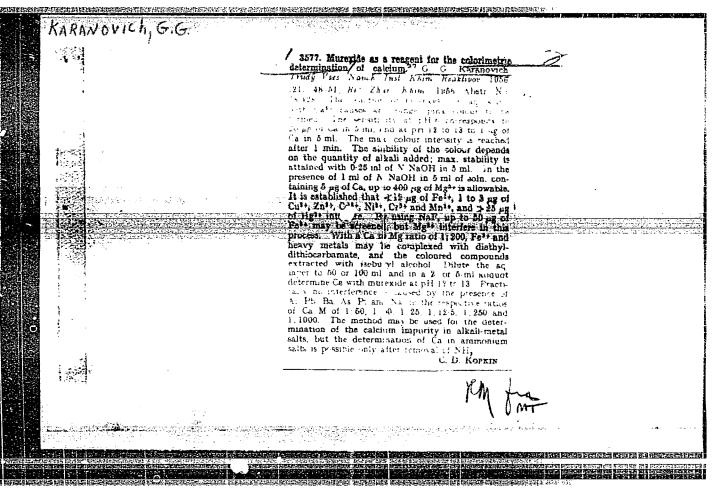
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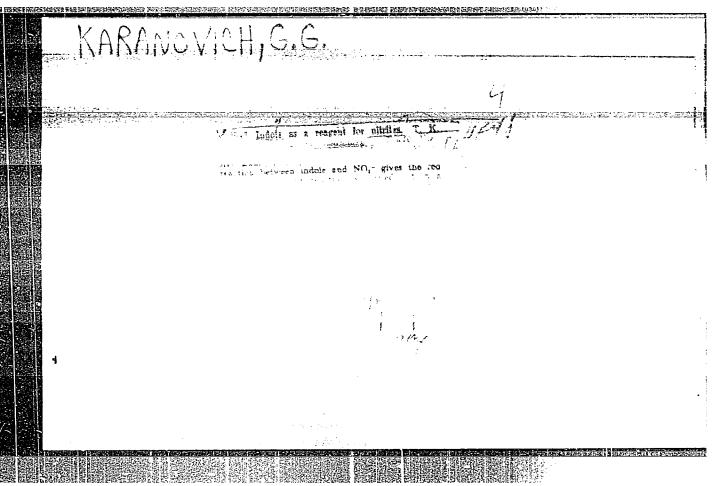
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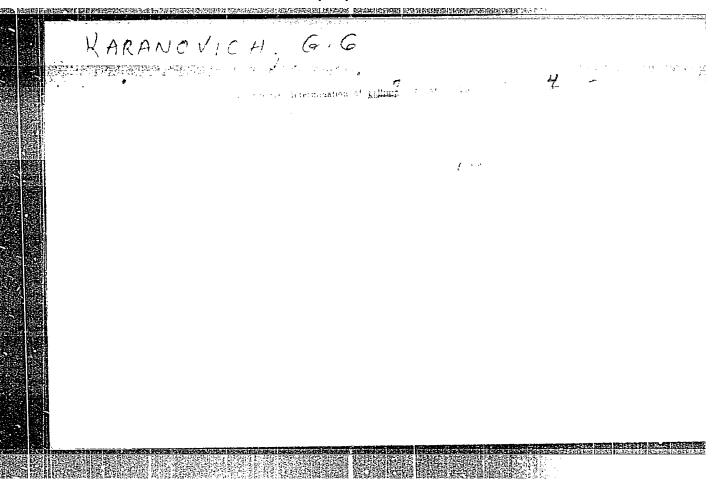
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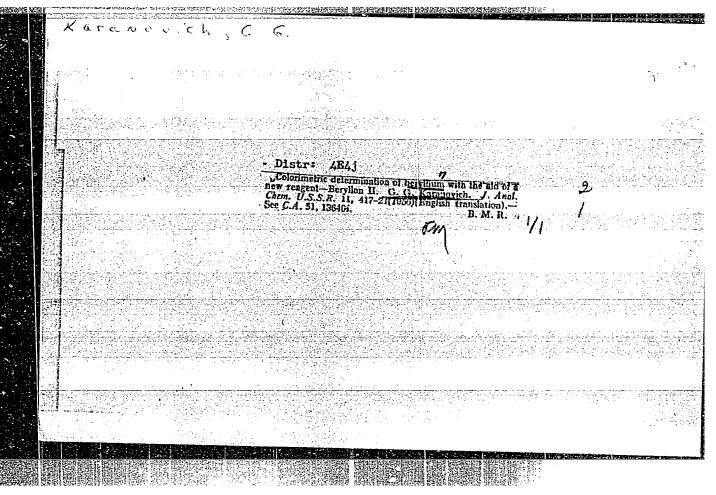
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SOV/75-13-4-11/29

AUTHORS:

Karanovich, G. G., Ionova, L. A., Podol'skaya, B. L.

TITLE:

The Photometric Determination of Gallium by Means of Gallion (Fotometricheskoye opredeleniye galliya pri pomoshchi galliona)

PERIODICAL:

Zhurnal analiticheskoy khimii, 1958, Vol. 13, Nr 4, pp. 439-

444 (USSR)

ABSTRACT:

Several organic compounds are used for the photometric determination of gallium. These compounds react with gallium in forming deeply colored compounds (Refs 1-4). "Gallion", a reaction product from H-acid and diazotized 2-amino-4-nitro-6chloro-phenol, is an interesting reagent to gallium (Ref 6). It is water-soluble; its 0,01% aqueous solution has a dark-redand the alkaline solution a blue-violet color. The reagent is easily soluble in alcohol and acetone, whereas it is difficult to solve in chloroform and ethylene-chloride. The solutions of gallion form colored compounds with several elements. A compound of blue color is formed with gallium. Gallion changes its color between  $p_{\overline{H}}$  3,8 and 5,8 from red to blue-violet. Be-

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tween  $p_{H}$  5,8 and 13 the blue-violet color does not change.

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**APPROVED FOR RELEASE: 06/13/2000** 

The Photometric Determination of Gallium by Means of Gallion

With a further increase of the  $p_{\mbox{\scriptsize H}}\mbox{-value}$  the color changes to pink and attains the same shade at  $\boldsymbol{p}_{\boldsymbol{H}}$  about 14 as at  $\boldsymbol{p}_{\boldsymbol{H}}$  4. The optimum  $\boldsymbol{p}_{\boldsymbol{H}}\text{-value}$  for the determination of gallium is at  $p_{\rm H}$  2,4 - 3,4. The maximum of light-absorption is at 600 m $\mu$ . A biphthalate buffer solution is useful for standardization, though it depends in a high degree on temperature. The crystals separate if temperature drops to +16°. At optimum conditions  $(p_{_{
m H}}$  about 3,2) the susceptibility of the determination amounts to 0,2 g gallium in 5 ml solution. If the solution is heated, the final color is reached after 1 1/2 to 2 minutes, but at room temperature only after 10 to 15 minutes. Determination can be carried out by means of colorimetric microtitration. The maximal tolerable quantities of foreign ions which do not yield colored compounds with gallion (Ge, Pr, La, Mn, Co, Zn, Li, In, Rh, Tl, Re, Pb, Mg, Ca, Be, Al) were found and are mentioned. Aluminum and indium form colored compounds with gallion at  $p_H$  about 3,2. Gallium, however, can be determined in stronger acid compounds if there is a 50-fold excess of

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The Photometric Determination of Gallium by Means of Gallion 80V/75-13-4-11/29

these two elements. The influence of iron, which is disturbing to a high degree, can be removed by a hydrochloric acid solution of hydroxylamine. Copper likewise exercises a disturbing influence and has to be reduced by means of a solution of sodium sulfate before its determination. After adding the hydroxylamine solution, the  $p_{\rm H}\text{-}{\rm value}$  of the solution has to be

brought to 2,4 - 3,2 by sodium acetate. Prior to its determination in alumosilicates, aluminum alloy, zinc blende, and other materials containing only traces of gallium, the latter has to be separated. This is usually done by extraction by means of organic solvents from hydrochloric acid solution (Refs 3, 5, 7). The extraction with isoamylalcohol and ethyl acetate from 6n hydrochloric acid solution proved to be the most useful. The conditions for the separation and the detail. There are 4 figures, 7 tables, and 7 references, 2 of which are Soviet.

ASSOCIATION: Card 3/4

Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh

The Photometric Determination of Gallium by Means of Gallion 80V/75-13-4-11/29

reaktivov, Moskva (All-Union Scientific Research Institute of Chemical Reagents, Moscow)

SUBMITTED:

September 20, 1956

1. Gallium--Determination 2. Gallion--Properties 3. Reagents --Synthesis 4. Photometry

Card 4/4